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APPLICANT : CENTRAL GLASS CO LTD;

INVENTOR : SHIOKAWA KEIICHI;

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TITLE : METHOD FOR CUTTING GLASS ARTICLE

ABSTRACT : PURPOSE: To make it possible to obtain a clear cut surface, by cutting a glass article so that cracks may proceed while applying compression stress in the direction perpendicular to the designed cutting line in cutting the glass article utilizing thermal stress.

CONSTITUTION: A glass article, such as flat glass, is cut by utilizing thermal stress. In the method, cutting is carried out under thermal stress while applying holding force in the direction perpendicular to the cutting line. Although the strength of the holding force varies with the difference in nonuniformity and extent of residual stress in glass, e.g., about 0.05~5kg/cm² is preferred.

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